

**ENGINEERING CHANGE NOTICE**  
**DART AEROSPACE LTD**

Date: 12.09.05	Job No.: ENG3107SEP	ADR Yes/No: N	ADR Date: 12.09.06	ECN #: 12- 643
Product No.: D212-664		Created By: CP	Approved By: <i>MAP</i>	
Product Name: Crosstube		Checked By: <i>CP</i>		

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL/MF	12.09.06
Purchasing Coord.	N		
Production Engineering Coord.	Y	DD	12.09.06
Customer Technical Support	Y	MB/DS	12.09.06
Customer Order Processing	N		

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	Y	PS	22/12/2006
QC Coordinator	Y	ED	12/10/06
Customer Support	Y	SW/LM	12.09.06
VP Marketing / BD	Y	AM	Another 12.09.06
Marketing	Y	HM	Sept 12

Reason for Change:

Documents Affected:

Release:  
D3189 Rev. C D412-664-249-B-3  
DSI 9629 Rev. A D412-664-245-D-3  
D412-664-243-E-4 D412-664-145-D-3

*DSI 9629 Rev. A*

PAPERWORK UPDATE

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	MB	SEE BELOW	12.09.06
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	CP		12.09.06 CP
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		12.09.06
11	Update Product Specification Files	Y	KJ		12.09.06
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		12.09.06
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ		12.09.06
19	Create / Update PPP's	Y	KJ		12.09.11
20	Red Decals required?	Y	KJ		12.09.11
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		12.09.10
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		12.09.10
24					

Description / Action:

- D3189-1 & D3189-3 Chafing Shields updated to enlarge part, to facilitate installation
- DSI 9629 Rev. A created to inform customer how to replace new chafing shields
- DEO's created for crosstubes to show how new wearplates should be oriented on the crosstubes, also to reduce required torque on clamps
- CHG # UPDATED: D412-664-105 @ CHG 004, D412-664-203 @ CHG 009, D412-664-205 @ CHG 004, D412-664-209 @ CHG 004  
D412-664-303 @ CHG 002
- Linda: DSI 9629 Rev. A needs to be sent to customer who bought the (3) D412-664-203 tubes with new chafing shield
- Existing crosstubes kits are OK to ship. Existing D3189-1/3 chafing shields should be scrapped.
- When sending out replacement D3189-1/3 Chafing Shields, the customer will need a copy of DSI 9629 Rev. A. Need some way to flag this in intuitive.
- Provide SOAG Pictures w/copy of DSI 9629 A

ECN Verified & Complete: *W*

Date: 12/9/11